Step INTO THE Trades

Yukon Apprenticeship

STEP INTO THE TRADES
Post-Secondary Education with a Difference 1-3

BUILDING TRADES
Bricklayer 4
Cabinetmaker 5
Carpenter 5
Floorcovering Installer 5
Glazier 5
Lather (Interior Systems Mechanic) 6
Painter and Decorator 6
Roofer 6

ELECTRICAL TRADES
Electric Motor System Technician 7
Electrician 8
Electronics Technician (Consumer Products) 8
Powerline Technician 8
Power System Electrician 9

INDUSTRIAL TRADES
Industrial Instrument Mechanic 10
Insulator (Heat and Frost) 11
Industrial Mechanic (Millwright) 11
Sawfitter/Filer 12
Industrial Warehouse Worker 12

METAL TRADES
Machinist 13
Sheet Metal Worker 14
Welder 14

PIPING TRADES
Gasfitter 15
Oil Burner Mechanic 16
Plumber 16
Steamfitter-Pipefitter 16
Sprinkler Systems Installer 16

SERVICE TRADES
Baker 17
Cook 17
Hairstylist 18
Refrigeration and Air Conditioning Mechanic 18

MOTOR VEHICLE RELATED TRADES
Outdoor Power Equipment Technician 19
Motor Vehicle Body Repairer (Metal and Paint) 20
Automotive Painter 20
Motor Vehicle Body Prepper 20
Motor Vehicle Body Repairer 20
Automotive Service Technician 21
Heavy Equipment and Truck and Transport Technician 21
Transport Trailer Technician 22
Truck and Transport Technician 22
Heavy Duty Equipment Technician (Off Road) 22
Partsperson 22
Recreation Vehicle Service Technician 22

RESOURCES 23

Reprinted and adapted for the exclusive use of Yukon Education with the permission of the Minister of Learning, Government of Alberta.

No further reproduction or adaptation of this publication may be made without the express permission of the Minster of Learning, Government of Alberta. Contact Apprenticeship and Industry Training, 10th Floor, Commerce Place, 10155-102 Street, Edmonton, Alberta, T5J 4L5, telephone (780) 427-8765.

Yukon
Education
Advanced Education Branch

Yukon Apprenticeship

Step into the Trades

POST-SECONDARY EDUCATION WITH A DIFFERENCE

Deciding what to do after high school?

With so many different career choices, it's never too soon or too late to explore your options.

Take the first step – find out if the skilled trades are right for you.

Skilled Trades are in Demand

Once you complete your apprenticeship training, you'll be in a great position to fill the demand for skilled tradespeople. Employers in Yukon and across Canada need skilled tradespeople as the current ones retire.

Journey inside to find more information on apprenticeship training.

With over 40 trades to choose from, one may be right for you!

Step into a skilled trade through apprenticeship training. Post-secondary education with a future.

Apprenticeship offers the best of both worlds – learn skills while you earn money.

A career in the skilled trades means:

- A good salary – you will earn wages that are equal to or greater than most other post secondary careers.
- Creative, challenging, satisfying and hands-on work.
- Independence.
- A sense of accomplishment.
- Recognized transferable skills.
- Skills that last a lifetime.
- Starting your own business and/or moving up into supervisory or management positions.

Learn by doing

It's real world experience. About 80 per cent of apprenticeship training takes place on-the-job. There, apprentices learn the skills of the trade with the help of a qualified tradesperson.

The rest of the training is provided at a college or other technical institute for 4 to 12 weeks per year.

A person who completes an apprenticeship program becomes a certified journeyperson.

"It is a life long learning opportunity. Once you get into the trades, the doors are wide open. There is a lot of satisfaction and you get a name for yourself when you finish. Don't be afraid of trying it. You need to get out in the workforce, and it's an opportunity to meet your challenges."

Earn while you learn

Imagine, earning a pay cheque while you are learning a skilled trade.

Apprentices earn from 50% to 95% of a journeyperson wage, depending on the trade and how much training the apprentice has completed. The wage increases as the apprentice moves from one period of apprenticeship to the next.

It takes two to four years of on-the-job and classroom training to become a skilled tradesperson

Just think, in a short time you'll earn a Certificate of Qualification and have skills that last a lifetime. Those skills will open doors to other possibilities. In fact, many tradespeople go on to careers in management, teaching or running their own business.

Tradespeople trained through apprenticeship work in your community

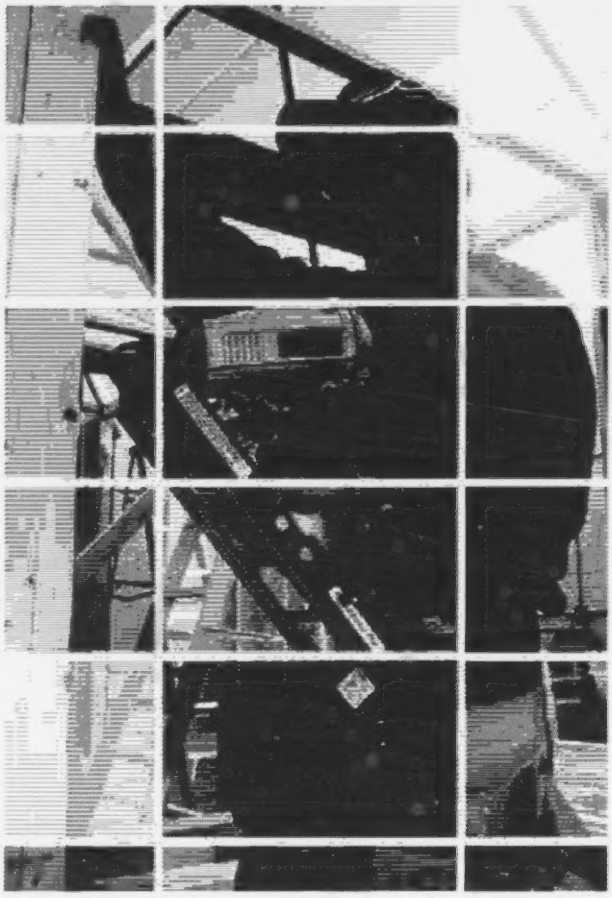
Skilled tradespeople are involved in many areas of our lives. They build homes, stores, arenas and schools. They repair the heating, cooling, electrical and plumbing systems in those buildings. We find skilled tradespeople in auto shops fixing cars, and on industrial sites making sure heavy equipment runs properly. They also work as cooks in restaurants and camps, and as hairstylists in beauty salons.

You can start an apprenticeship program while you're in high school

Your school counsellor will have information about how you can enter an apprenticeship program while in high school.

If you are working in a trade during the summer, or part time while still a student, your employer can register you as an apprentice through the regular apprenticeship process. You may also be able to attend a semester at college in a trade course as credit to your high school diploma.

"Leaving home is part of life. You need to leave the home to pursue who you are; this is a stepping-stone for who you are becoming. The reward at the end is a good paying job and you will be respected by your community for the steps you took to better yourself."



IF A CAREER IN A SKILLED TRADE IS RIGHT FOR YOU, THESE FIVE STEPS WILL TAKE YOU THERE

STEP 1
Stay in school

The majority of trades require high school graduation and some require advanced math and science. Employers prefer to hire high school graduates when they're recruiting apprentices, because they are looking for people who finish what they start.

STEP 2
Decide which trade matches your interests and skills

Think about who you are. What you like to do? What kind of lifestyle you enjoy? What you would like to do 10 years from now? If you need some help in this area, you may want to talk to a school counsellor, your parents or an Apprenticeship Training Consultant.

STEP 3
Find an Employer

Once you have decided on a trade that's right for you, the next step is to find an employer to train you as an apprentice. This could be an employer you already know, or you may have to knock on some doors and answer the classified ads.

STEP 4
Apply

Once you find an employer, contact the Apprenticeship Training Office for an apprenticeship application/agreement.

Return the completed application/agreement to the Apprenticeship Training Office once you and your employer have signed.

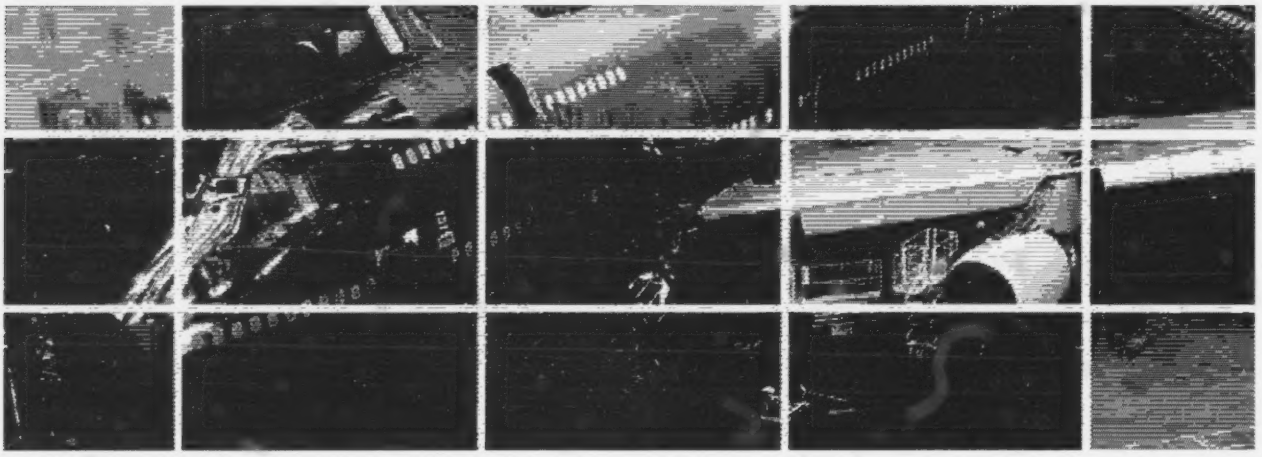
STEP 5
Commitment

By signing the apprenticeship application/agreement, you and your employer make an agreement.

You agree to finish your classroom and on-the-job training. Your employer agrees to pay you a certain percentage of the journey level wage rate, train you on the job and allow you to attend classroom training.

Your chances for success increase when you finish high school.

Many employers prefer you finish high school. Most trades require some math and science courses. For the most current educational requirements, please contact the Apprenticeship Training Unit of Advanced Education in Yukon.



Building Trades

Bricklayer, Cabinetmaker, Carpenter, Floorcovering Installer, Glazier, Lather (Interior Systems Mechanic), Painter and Decorator, and Roofer

All around us, skilled trades people are working in the construction industry building schools, office buildings and houses. They are painting, roofing, finishing and completing other challenging jobs.

Apprenticeship training for building trades range from three to four years.

The building trades may appeal to those who:

- Enjoy working with their hands to put things together.
- Like working with tools and equipment.
- Enjoy working with numbers.
- Pay attention to detail.
- Can see the finished product from an idea or drawing.
- Are able to easily move their hands in placing and turning motions, for example, to turn knobs and levers on a control panel or to climb ladders (manual dexterity).
- Are imaginative and creative.

Note: Most employers prefer to hire apprentices who have completed high school.

For current educational requirements, please see your counsellor or contact the Apprenticeship Training Unit of Advanced Education at:

1000 Lewes Blvd., Whitehorse, Yukon
Ph: (867) 667-5298 or Fax: (867) 667-8555
Toll free: 1-800-661-0408, Ext. 5298

Bricklayer ●

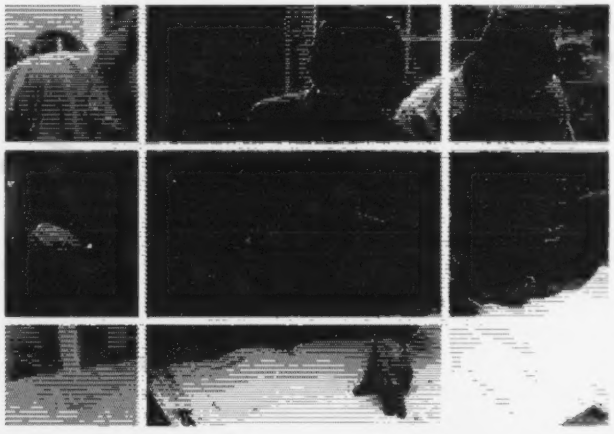
These tradespeople lay bricks, concrete blocks, stone and other materials to build and repair walls, patios, fireplaces and chimneys. They use hammers, chisels or saws to cut and fit bricks. Their work also involves lining or relining furnaces, boilers and similar installations.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	8 weeks per level

Skills and Interests

- Physically fit
- Willing to work outdoors
- Good eye for detail and colour
- Good balance for working on scaffolding
- Likes working with numbers



● **Red Seal Program** – allows qualified tradespeople to work in most Canadian provinces or territories

Cabinetmaker

Using sanders, planes, power saws and other tools, Cabinetmakers build and repair furniture, cabinetry and other items made of wood or wood substitutes for commercial and residential use. Their trade involves sanding wood surfaces and applying veneer, stain, polish or plastic laminates.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	8 weeks per level

Skills and Interests

- Artistically inclined
- Good eyesight
- Good eye-hand coordination

Carpenter

This skilled trade has a role in almost every building around you. Using hand tools and power tools, carpenters build and repair buildings and other structures made of wood, wood substitutes, steel and other materials.

Length of Training

Levels	On-the-Job	In-Class
4	1600 hours per level	8 weeks per level

Skills and Interests

- Enjoys working with wood
- Moves hands easily in placing and turning motions to climb ladders, saw and hammer etc. (manual dexterity)
- Good balance for working on scaffolding
- Willing to stand for long periods and climb, bend and kneel throughout the day
- Good math skills to measure materials
- Able to lift awkward loads over 25 kilograms

Floorcovering Installer

This tradesperson installs, repairs and replaces flooring such as underpadding, carpet, tiles, hardwood, plastic laminates and other decorative coverings in residential, commercial and industrial locations. They use measuring, hammering, spreading and cutting and shearing tools as well as power tools, floor preparation and stretching tools and lifting equipment.

Length of Training

Levels	On-the-Job	In-Class
3	1600 hours per level	7 weeks for level 1 6 weeks for level 2

Skills and Interests

- Physical strength and energy
- Able to lift awkward loads over 25 kilograms
- Good eye for detail and colour

Glazier

Works with glass to cut, install and repair mirrors, windows and aluminium doors and other glass for commercial, residential and automotive use.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	6 weeks per level

Skills and Interests

- Physical strength and energy to work with heavy glass materials
- Able to work at heights
- Good eyesight to measure, cut and see flaws in glass
- Moves hands easily in placing and turning motions to climb ladders, operate power tools etc. (manual dexterity)

Red Seal Program – allows qualified tradespeople to work in most Canadian provinces or territories

Lather (Interior Systems Mechanic)

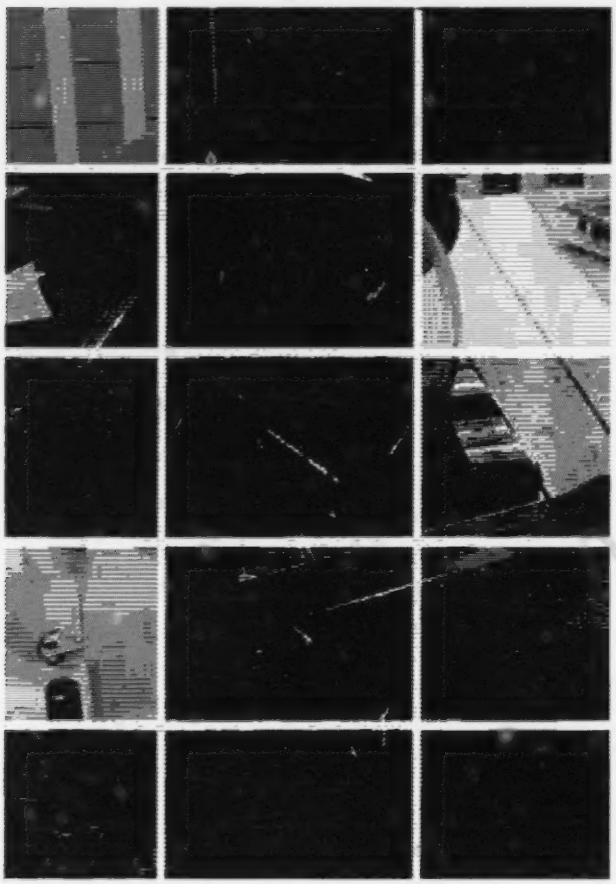
Creates space by putting together and installing steel frameworks and gypsum materials for walls and ceilings in buildings.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	8 weeks per level

Skills and Interests

- Good hand-eye coordination
- Visualizes how things come together
- Able to bend and lift
- Able to work at heights
- Spots differences in how things appear



Painter and Decorator

You know the job is almost done when these tradespeople arrive to prepare and apply paint, stain, varnish, wallpaper, fabric, and other materials to surfaces like floors, doors, walls and trim.

Length of Training

Levels	On-the-Job	In-Class
3	1600 hours per level	8 weeks per level

Skills and Interests

- Imaginative
- Good colour sense
- Able to work at heights
- Able to stand, kneel and crouch for long periods

Roofer

Whether it's metal or asphalt shingles, tar, gravel or other materials, Roofers prepare, install and repair them. They also apply weatherproofing mix to flat and sloped roof surfaces using hatchets, hammers, pry bars, tin snips, knives and chalk lines.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	6 weeks per level

Skills and Interests

- Able to work at heights
- Able to lift over 25 kilograms
- Basic math skills
- Physical strength and energy

Red Seal Program – allows qualified tradespeople to work in most Canadian provinces or territories

Electrical Trades

Electric Motor System Technician, Electrician, Electronics Technician (Consumer Products), Powerline Technician and Power System Electrician

They light up our lives and make our gadgets hum. A career in one of these trades may involve work on construction or industrial sites, power stations, and electrical supply companies.

Apprenticeship training for electrical trades is four years.

The electrical trades may appeal to those who:

- Are interested in electronics and how things work.
- Are strong in math and science.
- Like working with tools and equipment.
- Are able to easily move their hands in placing and turning motions to use screwdrivers, pliers etc. (manual dexterity).
- Are able to quickly and accurately manipulate small objects with their fingers, for example to place a screw (finger dexterity).
- Pay attention to detail.
- Have good colour vision.

Note: Most employers prefer to hire apprentices who have completed high school.

For current educational requirements, please see your counsellor or contact the Apprenticeship Training Unit of Advanced Education at:

1000 Lewes Blvd., Whitehorse, Yukon
Ph: (867) 667-5298 or Fax: (867) 667-8555
Toll free: 1-800-661-0408, Ext. 5298

Electric Motor System Technician ●

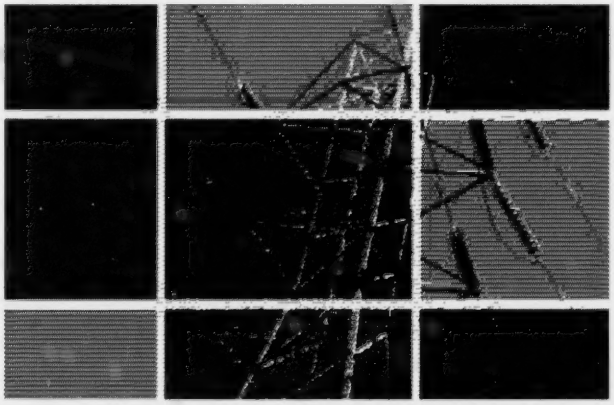
They are responsible for testing, rebuilding and repairing electric motors, generators, transformers, controllers and related electrical and mechanical equipment used in commercial, industrial and institutional establishments.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	8 weeks per level

Skills and Interests

- Mechanical skill and interest
- Ability to lift up to 25 kilograms
- Attention to detail
- Moves hands easily in placing and turning motions to use screwdrivers, pliers etc. (manual dexterity)



● **Red Seal Program** – allows qualified tradespeople to work in most Canadian provinces or territories

Electrician

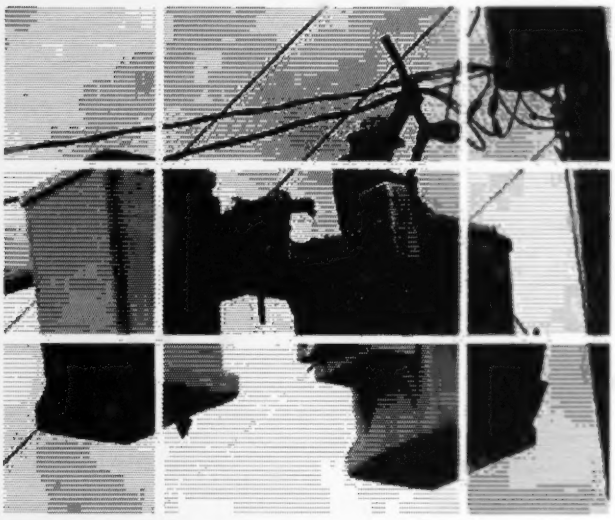
Bringing electricity where it's needed, follow blueprints, sketches or specifications to install, assemble, test, repair and remove new or existing electrical wiring and components in residential and industrial applications. They also use a variety of tools, power tools and testing equipment

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	8 weeks for levels 1-3 12 weeks for level 4

Skills and Interests

- Good colour vision to work with colour-coded wiring
- Good with numbers
- Moves hands easily in placing and turning motions to use screwdrivers, pliers etc. (manual dexterity)
- Able to work at heights
- Precise



Electronics Technician (Consumer Products)

Services and repairs electronic equipment, such as radios, televisions, CD players and home computers. They use various testing equipment such as voltmeters, oscilloscopes, signal generators and frequency counters.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	8 weeks per level

Skills and Interests

- Moves hands easily in placing and turning motions to use screwdrivers, pliers etc. (manual dexterity)
- Normal colour vision
- Able to concentrate

Powerline Technician

When there's trouble with your power, the Powerline Technician finds the source of the problem and fixes it. They also build overhead and underground power lines used to carry electricity from generating plants to the customer. They put up and maintain poles and towers as well as install and look after street lighting systems.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	8 weeks in levels 1-3

Skills and Interests

- Able to lift heavy objects up to 25 kilograms
- Good hearing and colour vision
- Able to work at heights and in different and extreme weather

Red Seal Program – allows qualified tradespeople to work in most Canadian provinces or territories

Power System Electrician

This tradesperson works in substations or metering, to install, maintain and repair electrical power generation, transmission and distribution systems and equipment.

In substations, Power Systems Electricians work with high voltage equipment such as circuit breakers, transformers, switches and the control circuits for protection, indication and monitoring systems. Involves adjusting relays, working on safety devices, and maintaining the large switch gear.

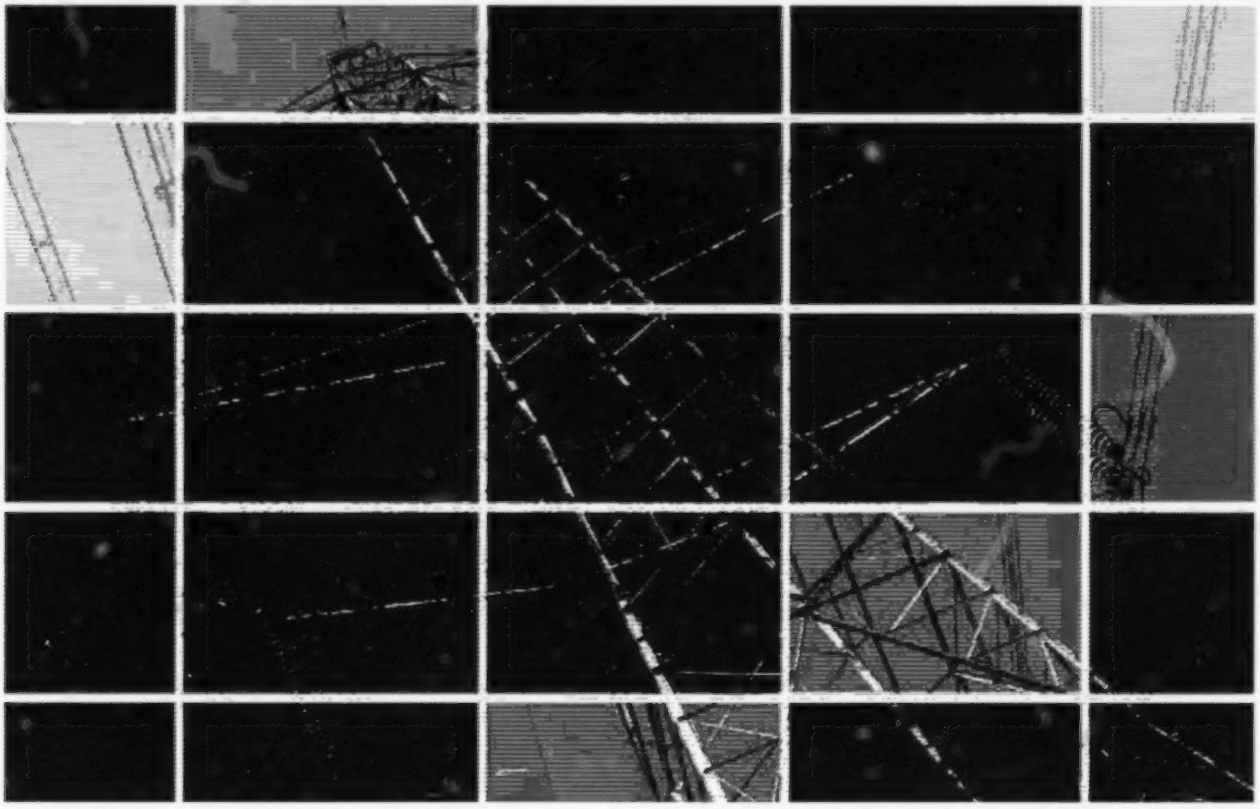
In metering, Power Systems Electricians work with recording devices such as supervisory controls, indicating and recording devices, switchboards and equipment circuitry found in generating stations and powerhouses. They may install "demand" meters when a client company wishes to review the way it is billed for power usage.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	8 weeks in level 1 and 2 10 weeks in level 3 and 4

Skills and Interests

- Attention to detail
- Ability to handle heavy switch gear
- Work with precision instruments to "fine tune" equipment



● **Red Seal Program** – allows qualified tradespeople to work in most Canadian provinces or territories

Industrial Trades

Industrial Instrument Mechanic, Insulator (Heat and Frost), Industrial Mechanic (Millwright), Sawfitter/ Filer, and Industrial Warehouse Worker

These skilled tradespeople usually work at industrial sites, constructing and taking care of machines and parts used in industrial and consumer products. They use precision machinery, various power hand tools, power machines, torches and welding equipment

Apprenticeship training for industrial trades range from three to four years.

The industrial trades may appeal to those who:

- Enjoy repairing or putting together machinery (mechanically inclined).
- Enjoy working with numbers.
- Are able to easily move their hands in placing and turning motions to operate testing equipment etc. (manual dexterity).
- Like working with tools and equipment.
- Work in these trades could involve working in tight spaces and in noisy atmospheres

Note: Most employers prefer to hire apprentices who have completed high school.

For current educational requirements, please see your counsellor or contact the Apprenticeship Training Unit of Advanced Education at:

1000 Lewes Blvd., Whitehorse, Yukon
Ph: (867) 667-5298 or Fax: (867) 667-8555
Toll free: 1-800-661-0408, Ext. 5298

Industrial Instrument Mechanic ●

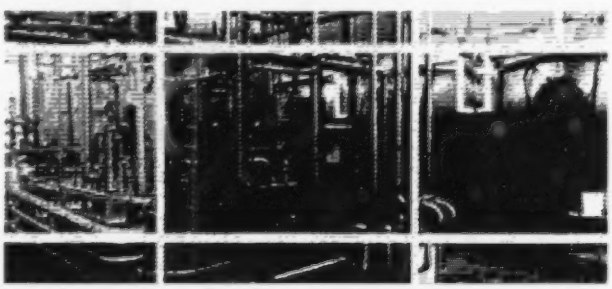
Installs, maintains and repairs the control and metering systems used in industrial and commercial processing. Uses electrical and electronic devices to check, test, measure and control variables such as pressure, flow, temperature, motion and force.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	8 weeks in levels 1 and 2 10 weeks in levels 3 and 4

Skills and Interests

- Attention to detail
- Able to work in tight or high places
- Can handle noisy, dusty or cold and warm surroundings



● **Red Seal Program** – allows qualified tradespeople to work in most Canadian provinces or territories

Insulator (Heat and Frost)

The work of this tradesperson keeps things cool in the summer, warm in the winter and stops noise and fire from spreading. The Insulator applies, removes and repairs insulation using hand and power tools to keep things warm or cool, and to stop noise and fire from spreading. Insulation is glued, taped, stapled or blown into place.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	6 weeks in levels 1 and 2 8 weeks in level 3

Skills and Interests

- Comfortable with heights and working in tight places.
- Able to work indoors and outdoors in very hot or cold settings
- Can handle dusty surroundings

Industrial Mechanic (Millwright)

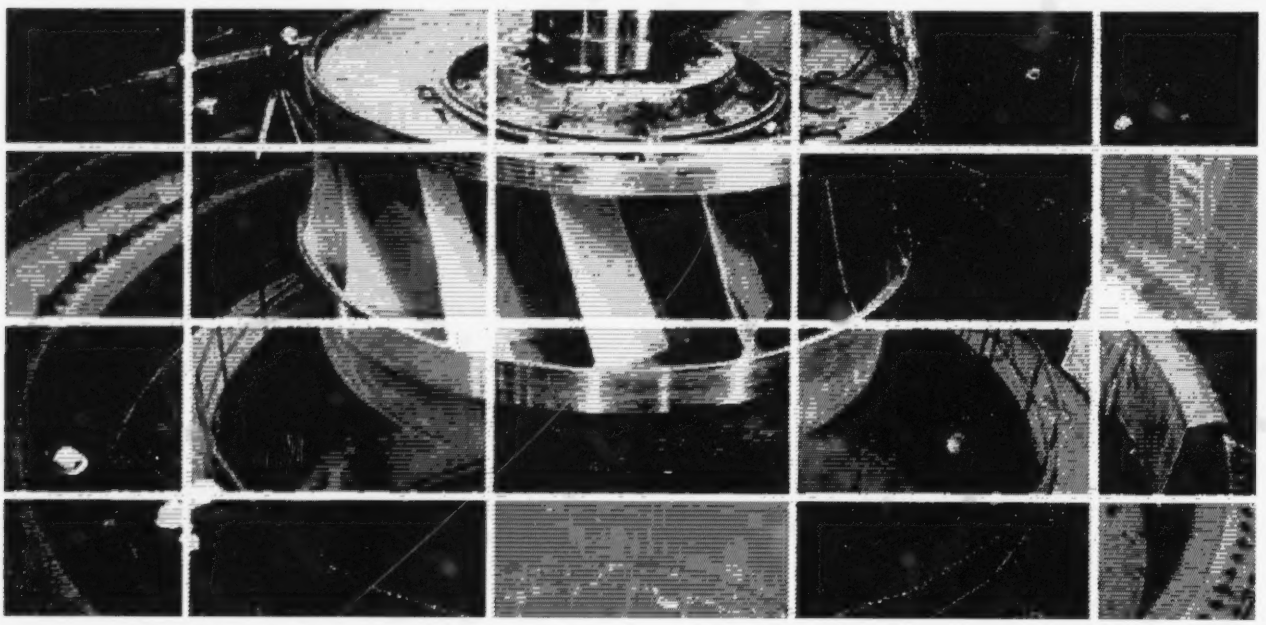
Depended on by industry to install machinery and keep equipment running smoothly, the Industrial Mechanic installs, tests and fixes machinery and equipment in mines, production plants and recreational facilities.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	8 weeks per level

Skills and Interests

- Mechanically inclined
- Enjoys fixing things



Red Seal Program – allows qualified tradespeople to work in most Canadian provinces or territories

Sawfitter/Filer

Using hand tools, filing machines and welding equipment, sharpen and repair saws including band saws, chain saws and circular saws for the lumber and wood products processing plants.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	4 weeks for levels 1 and 2 8 weeks for level 3

Skills and Interests

- Moves hands easily in placing and turning motions (manual dexterity)
- Good eye-hand coordination
- Can handle noisy surroundings and lifting of heavy objects
- Willing to live and work in remote areas

Industrial Warehouse Worker

These tradespeople make sure products such as food, office supplies, tools and equipment get to where they are needed. They are responsible for general warehouse activities including receiving, storing and shipping products, handling and transportation.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	4 weeks per level

Skills and Interests

- Physical strength and energy
- Able to stand most of the day
- Able to lift up to 25 kilograms
- Good math and computer skills

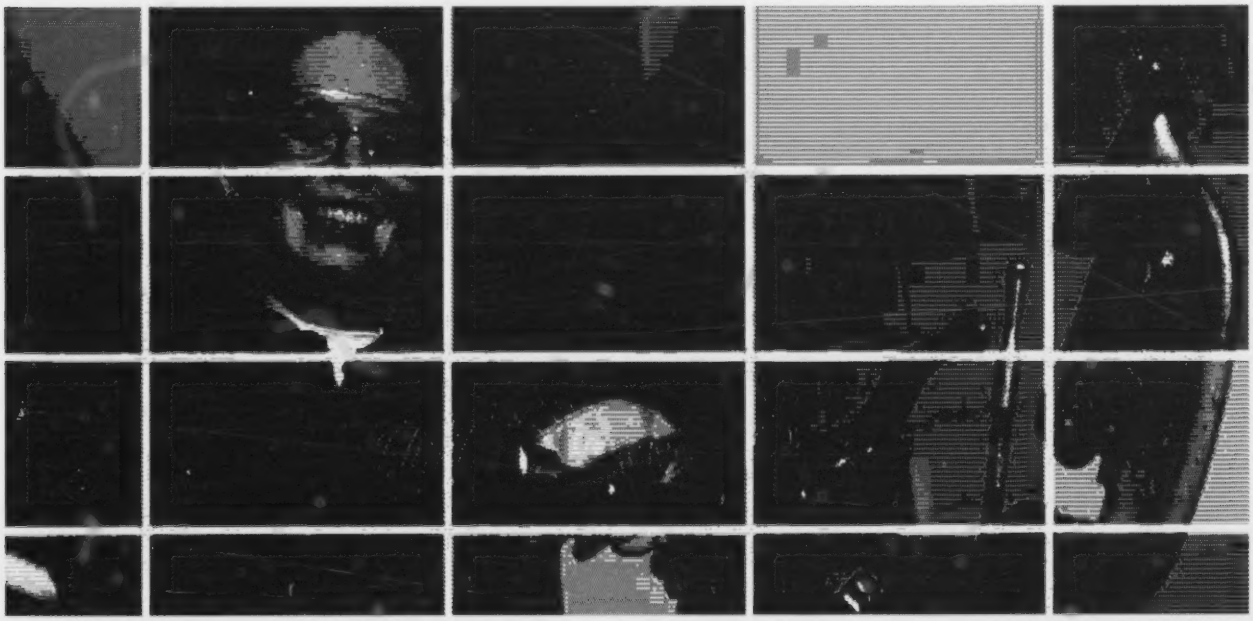


Photo: www.archbould.com

Red Seal Program – allows qualified tradespeople to work in most Canadian provinces or territories

Metal Trades

Machinist, Sheet Metal Worker, and Welder

Working indoors in shops and/or outdoors in all kinds of weather, working in the metal trades means making products using machines and tools.

Apprenticeship training for the metal trades range from three to four years.

The metal trades may appeal to those who:

- Enjoy repairing or putting together machinery (mechanically inclined).
- Are able to easily move their hands in placing and turning motions to use wrenches etc. (manual dexterity).
- Like working with tools and equipment.
- Have excellent eye-hand coordination to perform detailed work.
- Are able to concentrate on detailed work.
- Can see the finished product from an idea or drawing.
- Have patience.
- Work in these trades could involve working in high, awkward and noisy places.

Note: Most employers prefer to hire apprentices who have completed high school.

For current educational requirements, please see your counsellor or contact the Apprenticeship Training Unit of Advanced Education at:

1000 Lewes Blvd., Whitehorse, Yukon
Ph: (867) 667-5298 or Fax: (867) 667-8555
Toll free: 1-800-661-0408, Ext. 5298

Machinist

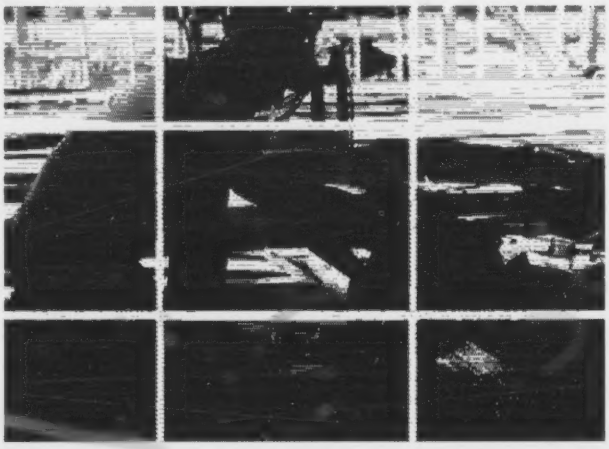
Sets up and operates metal cutting and grinding machines to manufacture and repair products made from a variety of materials. Works with hand and power tools and metal working machines, such as lathes, milling machines, drills and grinders.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	8 weeks per level

Skills and Interests

- Can handle noisy, dusty surroundings and working with dirty materials
- Comfortable standing for long periods



Red Seal Program – allows qualified tradespeople to work in most Canadian provinces or territories

Sheet Metal Worker

Designs, makes, joins, installs and fixes sheet metal products for different industries and settings. Fits and joins sheet metal with welding and other equipment to make products like ventilation shafts, partition frames, air and heat ducts, roof decking and sheet metal buildings. Uses black and galvanized steel, copper, brass, nickel, stainless steel, aluminium and tin plate.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	10 weeks per level

Skills and Interests

- Pays attention to detail
- Able to estimate size and dimensions from blueprints
- Good eyesight
- Moves hands easily in placing and turning motions (manual dexterity)
- Able to visualize a finished product from a drawing

Welder

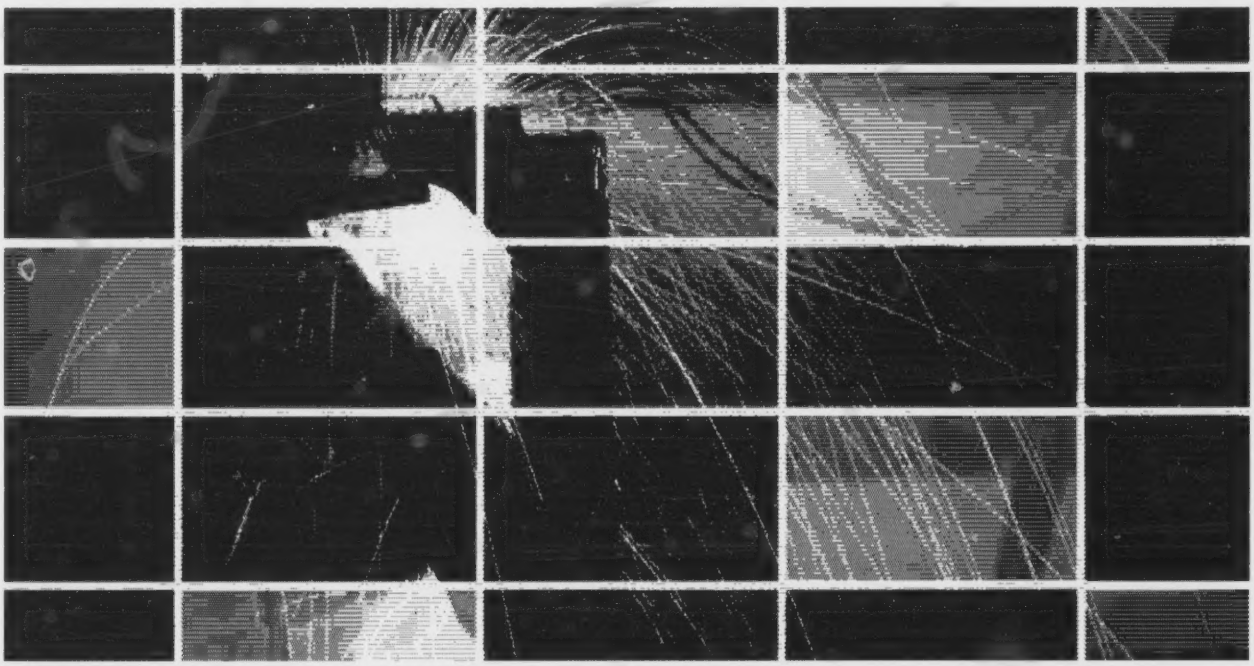
Joins metal pieces together or shapes metal using manual or semi-automatic welding equipment. Cuts metal using electric arc or gas equipment.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	8 weeks per level

Skills and Interests

- Mechanical skill and interest
- Able to move the fingers and manipulate small objects with the fingers quickly and accurately (finger dexterity)
- Good eyesight and eye-hand coordination



Red Seal Program – allows qualified tradespeople to work in most Canadian provinces or territories

Piping Trades

Gasfitter, Oil Burner Mechanic, Plumber, Steamfitter-Pipefitter, and Sprinkler System Installer

It's all about pipes - from those in homes to those at industrial sites - trades in this category involve installing, fixing and maintaining piping systems.

Apprenticeship training for piping trades range from three to four years.

The piping trades may appeal to those who:

- Enjoy math and sciences.
- Enjoy using hand and power tools.
- Like to take apart and put together pipes and pumps (mechanically inclined).
- Are able to easily move their hands in placing and turning motions to use wrenches etc. (manual dexterity).
- Enjoy precise work.
- Are able to work from high places.
- Tolerate unpleasant weather, noise and odours.

Note: Most employers prefer to hire apprentices who have completed high school.

For current educational requirements, please see your counsellor or contact the Apprenticeship Training Unit of Advanced Education at:

1000 Lewes Blvd., Whitehorse, Yukon
Ph: (867) 667-5298 or Fax: (867) 667-8555
Toll free: 1-800-661-0408, Ext. 5298

Gasfitter

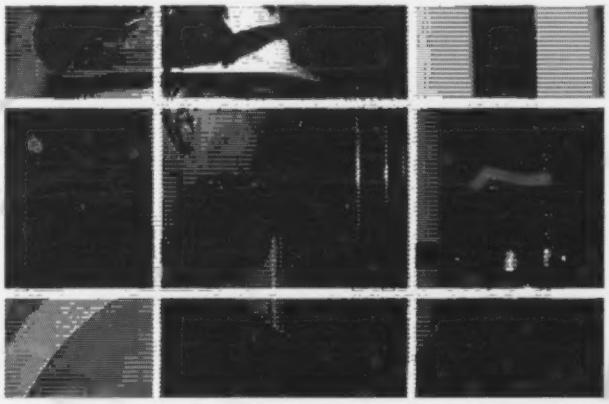
Sizes, installs, tests and fixes natural gas and propane equipment ranging from residential furnaces to industrial boilers. This tradesperson works for utility, propane distributors, mechanical and services companies.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	8 weeks per level

Skills and Interests

- Mechanically inclined
- Moves hands easily in placing and turning motions (manual dexterity)
- Able to lift heavy objects up to 25 kilograms



Red Seal Program – allows qualified tradespeople to work in most Canadian provinces or territories

Oil Burner Mechanic

Sizes, installs, tests and fixes oil fired heating unit(s) in residential, commercial, and industrial locations using hand and power tools.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	6 weeks levels 1 and 3 5 weeks for level 2

Skills and Interests

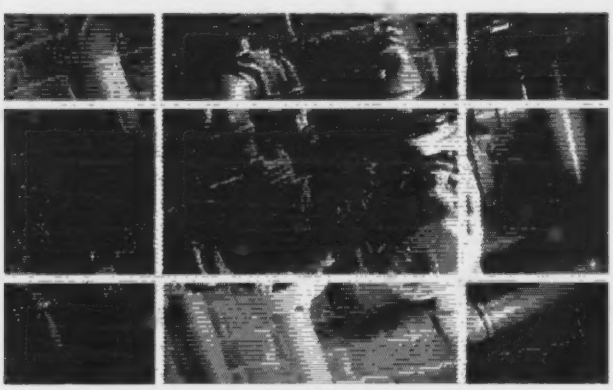
- Mechanically inclined
- Moves hands easily in placing and turning motions (manual dexterity)
- Able to lift heavy objects up to 25 kilograms

Plumber

Piping systems carry water, waste and gases, and plumbers are there to install, repair and maintain them. They also install fixtures like sinks and toilets and other plumbing systems in homes and buildings.

Length of Training

Levels	On-the-Job	In-Class
4	1600 hours per level	8 weeks per level



Skills and Interests

- Energy and strength to lift heavy pipes
- Able to stand for long periods and sometimes work in cramped positions

Steamfitter - Pipefitter

Puts together, makes, installs and repairs pipe systems that carry liquids and gases such as water, steam or air using hand or power tools or machines. They generally work with steam boilers and other high- and low-pressure steam systems.

Length of Training

Levels	On-the-Job	In-Class
4	1600 hours per level	8 weeks per level

Skills and Interests

- Precise to measure, cut, tread and bend pipe to required shape

Sprinkler System Installer

Part of keeping people safe during a fire depends on these skilled tradespeople who make, install, test, maintain and fix sprinkler systems used for fire protection in industrial operations, office buildings, hotels, schools, hospitals and homes.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	7 weeks for levels 1-3

Skills and Interests

- Energy and strength to lift heavy pipes
- Able to stand for long periods and sometimes work in cramped positions
- Precise to join cut piping sections

Red Seal Program – allows qualified tradespeople to work in most Canadian provinces or territories

Service Trades

Baker, Cook, Hairstylist, and Refrigeration and Air Conditioning Mechanic

From Baker to Cook to Hairstylist, and Refrigeration and Air Conditioning Mechanic, these skilled tradespeople provide service to the public.

Apprenticeship training for service trades range from two to four years.

The service trades may appeal to those who:

- Enjoy working with and being around people.
- Like creating things from scratch.
- Like to figure out solutions to problems.
- Are able to easily move their hands in placing and turning motions (manual dexterity).
- Are able to quickly and accurately manipulate small objects with their fingers (finger dexterity).
- Have a good sense of proportion.

Note: Most employers prefer to hire apprentices who have completed high school.

For current educational requirements, please see your counsellor or contact the Apprenticeship Training Unit of Advanced Education at:

1000 Lewes Blvd., Whitehorse, Yukon
Ph: (867) 667-5298 or Fax: (867) 667-8555
Toll free: 1-800-661-0408, Ext. 5298

Baker ●

Makes the bread, cookies, cakes, pies and other baked goods we eat by carefully weighing, measuring, and mixing the ingredients according to the recipe. Works with a variety of kitchen utensils and large and small appliances.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	8 weeks per level

Skills and Interests

- Willing to stand for long periods
- Responsible attitude to maintain a high standard of cleanliness necessary in the food industry

Cook ●

In hotels, restaurants, hospitals and other places, Cooks plan menus and prepare all sorts of meals.

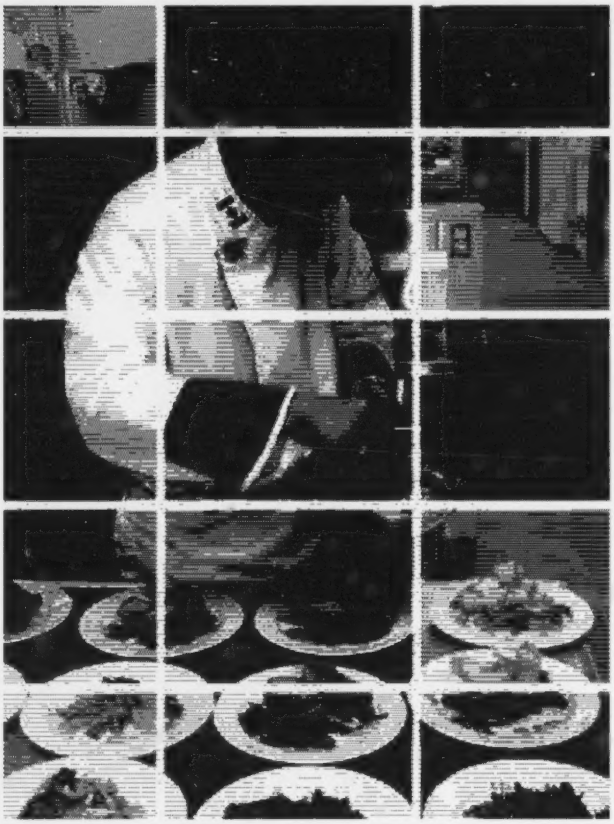
Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	8 weeks per level

Skills and Interests

- Enjoys working with food
- Willing to stand for long periods
- Works quickly and carefully
- Responsible attitude to maintain a high standard of cleanliness necessary in the food industry

● **Red Seal Program** – allows qualified tradespeople to work in most Canadian provinces or territories



Hairstylist

Whether it's a trim or makeover, Hairstylists use their skills to shampoo, cut, colour and style hair. They maintain, clean and sterilize equipment, including brushes, combs, clippers and scissors.

Length of Training

Levels	On-the-Job	In-Class
2	1800 hours per level	10 weeks per level

Skills and Interests

- Willing to stand for long periods and bend throughout the day
- Keeps up to date on new hair fashions and trends

Refrigeration and Air Conditioning Mechanic

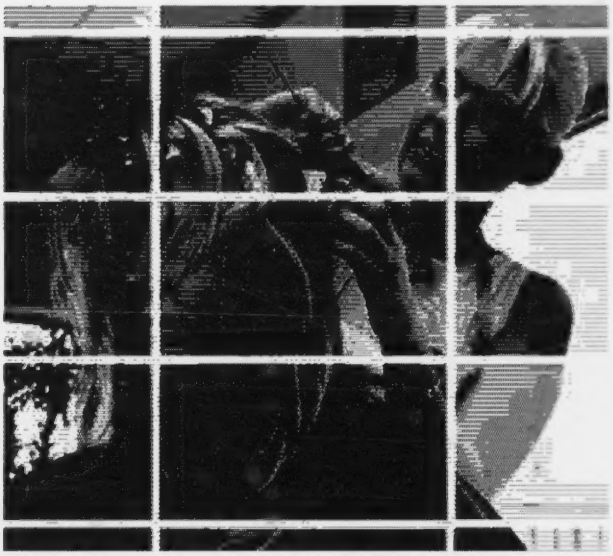
In homes, restaurants, grocery stores, hospitals and other sites, refrigeration and air conditioning systems and combined heating and cooling systems are installed, fixed and maintained by these tradespeople. When air conditioning and refrigeration equipment breaks down, these mechanics solve the problem by testing parts such as compressors and thermostats.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	8 weeks per level

Skills and Interests

- Moves hands easily in placing and turning motions (manual dexterity)
- Moves fingers easily to place fine and small objects (finger dexterity)
- Able to tell colours apart
- Able to lift over 25 kilograms
- Uses sight, hearing, and smell to spot problems



Red Seal Program – allows qualified tradespeople to work in most Canadian provinces or territories

Motor Vehicle Related Trades

Outdoor Power Equipment Technician, Motor Vehicle Body Repairer (Metal and Paint), Automotive Painter, Motor Vehicle Body Prepper, Motor Vehicle Body Repairer, Automotive Service Technician, Heavy Equipment and Truck and Transport Technician, Transport Trailer Technician, Truck and Transport Technician, Heavy Duty Equipment Technician (Off Road), Partsperson, and Recreation Vehicle Service Technician

We wouldn't be on the move without people working in these trades. They fix and look after outdoor power equipment, cars, trucks, on and off road heavy equipment, and the parts and equipment related to these vehicles/equipment.

Apprenticeship training for motor vehicle related trades range from two to four years.

The motor vehicle related trades may appeal to those who:

- Like working on outdoor power equipment, cars, trucks, heavy equipment and other vehicles.
- Are able to easily move their hands in placing and turning motions to use wrenches etc. (manual dexterity).
- Like the challenge of finding out what is wrong with something and fixing it.
- Enjoy taking apart and putting together machinery and motors (mechanically inclined).
- Have the ability to estimate size and dimensions.
- Are able to visualize a finished piece of work from a sketch or brief description.
- Have good eyesight and are able to spot differences in the way something looks.
- Persist until the job is right.

Note: Most employers prefer to hire apprentices who have completed high school.

For current educational requirements, please see your counsellor or contact the Apprenticeship Training Unit of Advanced Education at:

1000 Lewes Blvd., Whitehorse, Yukon
Ph: (867) 667-5298 or Fax: (867) 667-8555
Toll free: 1-800-661-0408, Ext. 5298

Outdoor Power Equipment Technician

Repairs, services and maintains small gasoline and diesel powered recreational, marine and other equipment used by homeowners and industries, using hand and power tools and other equipment. Inspects and tests engines and motors, adjusts, repairs and replaces mechanical and electrical components. Outdoor Power Equipment Technicians work in one of three areas:

Marine Equipment Technician - services outboard motors in boats and other watercrafts

Power Equipment Technician - services generators, mowers and chain saws

Recreational Equipment Technician - services snowmobiles and recreational utility vehicles

Length of Training

Levels	On-the-Job	In-Class
3	1600 hours per level	8 weeks for levels 1-3 6 weeks for level 4

Red Seal Program – allows qualified tradespeople to work in most Canadian provinces or territories

Skills and Interests

- Can work with dirty and greasy materials
- Interested in all types of machinery and engines
- Enjoys working with people and providing good customer service

Motor Vehicle Body Repairer (Metal and Paint) ●

In your local body shop or dealership, this technician fixes and replaces damaged vehicle structures and body parts, and applies interior and exterior finishes.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	4 weeks for level 1 7 weeks for levels 2 and 3 6 weeks for level 4

Skills and Interests

- Strength and energy to handle heavy tools and parts
- Good eye for detail and colour
- Moves hands easily in placing and turning motions (manual dexterity)

Automotive Painter ●

In local body shops and dealerships, this tradesperson does damage appraisals, surface preparation, minor damage repairs, masking, colour matching, priming and top coat application.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	4 weeks for level 1 6 weeks for level 2

Skills and Interests

- Strength and energy to handle heavy tools and parts
- Good eye for detail and colour
- Moves hands easily in placing and turning motions (manual dexterity)

Motor Vehicle Body Prepper

In your local body shop or dealerships, this tradesperson removes and installs vehicle interior and exterior trim components, removes and replaces non-structural glass, sands and fills small dings and gouges, masks surfaces, applies corrosion protection, and primer-surfacers for top coat application.

Length of Training

Levels	On-the-Job	In-Class
2	1800 hours per level	4 weeks for level 1

Skills and Interests

- Strength and energy to handle heavy tools and parts
- Good eye for detail
- Moves hands easily in placing and turning motions (manual dexterity)

Motor Vehicle Body Repairer

In your local body shop or dealerships, this tradesperson fixes and replaces damaged structural members of vehicles including, alignment of chassis, drive line, striaghtening of unibody/frames and repair and replacement of all other collision damaged parts. They also prepare surfaces for top coat application, applies interior and exterior finishes.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	4 weeks for level 1 7 weeks for levels 2 and 3

● **Red Seal Program** – allows qualified tradespeople to work in most Canadian provinces or territories

Skills and Interests

- Strength and energy to handle heavy tools and parts
- Good eye for detail
- Moves hands easily in placing and turning motions (manual dexterity)

Automotive Service Technician ●

A worker in this trade is there to spot any potential problems on vehicles and light trucks. They also repair, adjust and test engines, steering systems, braking systems, drive trains, vehicle suspensions, electrical and air-conditioning systems and perform wheel alignments.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	8 weeks per level

Skills and Interests

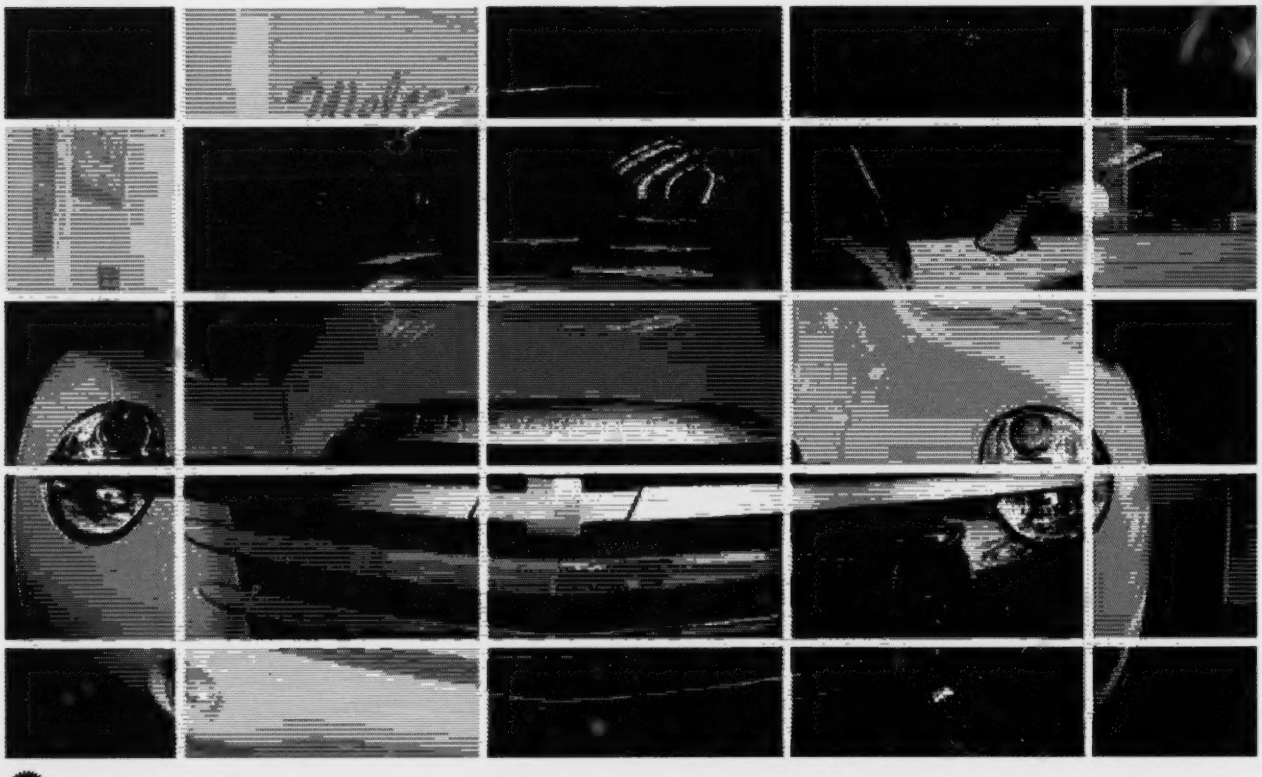
- Good hearing and eyesight
- Moves hands easily in placing and turning motions (manual dexterity)
- Mechanically inclined

Heavy Equipment and Truck and Transport Technician

Working in all three branches of the on and off road trades generally involves repairing, replacing and maintaining heavy equipment, vehicles and industrial equipment used in mining, construction, forestry, and transportation industries.

Length of Training

Levels	On-the-Job	In-Class
4	1800 hours per level	8 weeks per level



● **Red Seal Program** – allows qualified tradespeople to work in most Canadian provinces or territories

Transport Trailer Technician

Maintains and repairs transport devices such as flat decks, dry freight vans, refrigerated vans, tankers, dump trailers and other commercial pull type devices.

Length of Training

Levels	On-the-Job	In-Class
2	1800 hours per level	8 weeks

Note: The Red Seal is only available through the trades qualification process.

Truck and Transport Technician

Maintains and repairs stationary and mobile equipment with internal combustion engines such as trucks, highway tractors, trailers and buses.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	8 weeks per level

Heavy Duty Equipment Technician (Off Road)

Maintains and repairs stationary and mobile equipment with internal combustion engines such as, backhoes, trenchers, scrapers, dozers and loaders.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	8 weeks per level

Skills and Interests

- Good eyesight, hearing and sense of smell to diagnose problems
- Strength and energy to work with heavy equipment
- Able to work in cramped or awkward positions
- Mechanical ability and an interest in all types of machinery and engines, electronics and precision equipment

Partsperson

When equipment breaks down or wears out, it's up to the Partsperson to make sure the parts are available for repairs or replacements. They order and keep track of parts for vehicles, appliances, machinery and equipment.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	8 weeks for level 1 6 weeks for levels 2 and 3

Skills and Interests

- Basic math skills
- Attention to details, like parts catalogues and inventories

Recreation Vehicle Service Technician

Whether for motor homes, trailers or truck campers, tradespeople in this trade install and repair recreational vehicle parts, including appliances, furnaces, refrigerators, windows, doors and vents.

Length of Training

Levels	On-the-Job	In-Class
3	1800 hours per level	8 weeks per level

Skills and Interests

- Moves hands easily in placing and turning motions (manual dexterity)
- Mechanical and electrical aptitude
- Able to balance and work from ladders
- Able to drive large vehicles

Red Seal Program – allows qualified tradespeople to work in most Canadian provinces or territories

Resources

Career Options

The Internet is a great tool to help you plan your career or find a job. The following web sites are a good start to find out more about your career options:

www.education.gov.yk.ca
Yukon Apprenticeship information and Apprenticeship Consultants contact information

www.caf-fca.org
Canadian Apprenticeship Forum
Links to additional apprenticeship information, background and perspective from CAF-FCA member organizations

www.ayn.ca
Aboriginal Youth Network
Created for youth, this site connects Aboriginal kids from across Canada

www.careerccc.org
On-line activities to help youth discover how everyday tasks can help them build skills they will need to face the many challenges of the workforce.

www.youthpath.ca
Youth Path
Gateway to many job-related sites across Canada

www.red-seal.ca
information on the Interprovincial Standards "Red Seal" Program.

What financial assistance is available?

Registered apprentices in Yukon may be eligible for financial assistance from Service Canada while attending the in-school technical training portion of their apprenticeship program.

Further Information on Financial Assistance:

For up to date information about financial assistance for apprentices, please call Service Canada at 667-5083 or Advanced Education, Apprenticeship Training Unit toll free 1-800-661-0408 extension 5298 or in Whitehorse call 667-5298.

For Further Information on Apprenticeship:

Yukon
Education
Advanced Education Branch

MAILING ADDRESS:
P.O. Box 2703
Whitehorse, Yukon
Y1A 2C6
Ph: (867) 667-5298
Fax: (867) 667-8555
Toll free: 1-800-661-0408

PHYSICAL ADDRESS:
1000 Lewes Blvd.
Whitehorse, Yukon

Yukon
Education
Advanced Education Branch